MADE IN USA

ANCHOR®

SIX YEAR WARRANTY

A Message from the President

Congratulations on purchasing an Anchor Audio intercom system, the choice of thousands of satisfied customers including the White House, prestigious universities, school districts nationwide, police and fire departments, and all branches of the U.S. military. Our products are made of the finest materials and built with pride in the U.S.

We've incorporated the latest technology into your intercom system yet kept it simple to use. Just take a few minutes to review this manual to ensure the maximum enjoyment of your Anchor system. Or, you can view a demonstration video complete with a trouble shooting section at www.anchoraudio.com.

Feel free to call our friendly customer support staff at 1-800-ANCHOR1 Monday thru Friday between 7:00am and 5:00pm Pacific Standard Time with any questions. We love to hear from our customers.

Janet Jacobs, President
on behalf of all Anchor employees

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GETTING STARTED

Please check your new unit carefully for any damage which may have occurred during shipment. Each Anchor product is carefully inspected at the factory and packed in specially designed boxes for safe transport.

Notify the freight carrier immediately of any damage to the shipping box or product. Repack the unit in the original box and wait for inspection by the carrier's claim agent. Notify your dealer of the pending freight claim.

NOTE: All damage claims must be made with freight carrier!

RETURNING SYSTEMS FOR SERVICE OR REPAIR

For service or repair, please contact the dealer you purchased your system from or Anchor Audio Customer Service at 800.262.4671 to obtain a RA *(Return Authorization)* number. You may also complete an online RA request form at www.anchoraudio.com. All shipments to Anchor Audio must include a RA number and must be shipped prepaid. C.O.D. shipments will be refused and returned at your expense.

IMPORTANT: Save the shipping box & packing materials, they were specially designed to ship your unit!

WARRANTY REGISTRATION

Visit our website at www.anchoraudio.com and select "Warranty Registration." Complete the online form to activate the two-year limited warranty on your PortaCom intercom system.

100-0081-000

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BASIC SYSTEM OPERATION

1. Plug headset connector into 4-pin XLR Headset Jack on belt pack
2. Plug AC adapter into standard 110V AC outlet *(230V AC export)* then into AC Input Jack on the PC-2000 Power Console
3. Connect BP-2000 Belt Packs to the Output Jacks on the PC-2000

NOTE: Make connections w/ standard mic cables.

4. Set the PC-2000 Power Switch to "on"
5. Adjust headset boom so microphone is close to mouth
6. Adjust listening level w/ Headset Volume Control on Belt Pack
7. Use Channel Switch to select between channel A or B

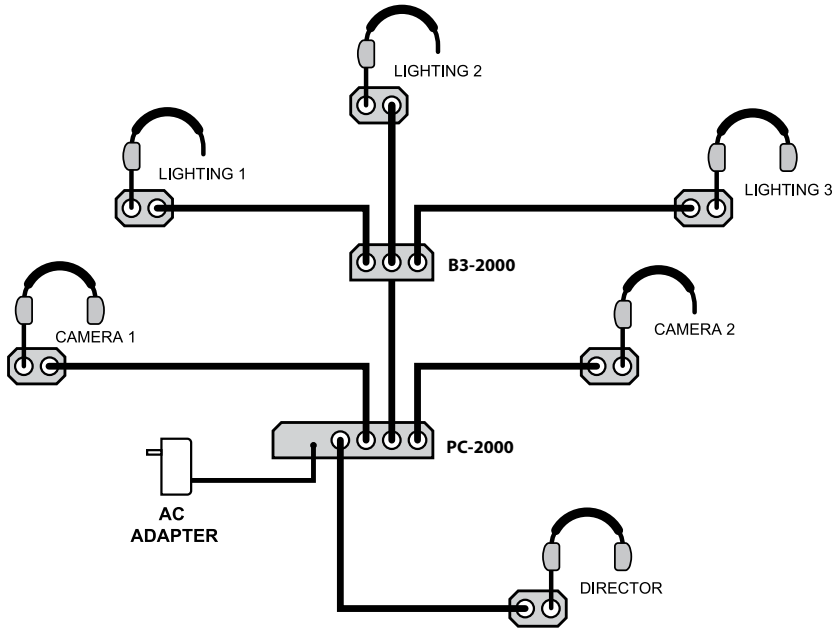
NOTE: The Optional RM-100 Rackmount Allows 1 or 2 PC-2000's To Mount In Standard Racks.

WHAT IS PORTACOM?

PortaCom Intercom System is a portable two-channel communication device that's simple to set up and easy to use. The main system components include:

PC-2000 Power Console, BP-2000 Belt Packs &
H-2000 & H-2000S Headsets

Station-to-station connections are made using standard microphone cable with 3-pin XLR connectors.
The PC-2000 Power Console has four output jacks to make a 4-headset system. You can add more headsets/users to the system by using the B3-2000 Branch Box to expand and reconfigure your system for use in almost any situation.
A typical 6-headset system using one B3-2000 is illustrated here:



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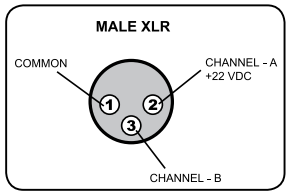
PC-2000 POWER CONSOLE

The PC-2000 Power Console can power up to 20 BP-2000 Belt Packs over a combined total of 2,500 feet of cable. It has a power switch, an input for connecting the AC adapter and four 3-pin XLR output jacks.
Using the RM-100 bracket you can mount one or two PC-2000s in a standard rack.
Belt packs are connected to the PC-2000 using standard mic cable with 3-pin XLR connectors.



BP-2000 BELT PACK

The BP-2000 Belt Pack has a female, 3-pin XLR, Line Input Jack and a male, 4-pin XLR, Headset Jack. Both jacks are located on the bottom side of the belt pack. Power is supplied through the microphone cable by the PC-2000 Power Console.
The BP-2000 controls can be found on the belt pack top and feature:

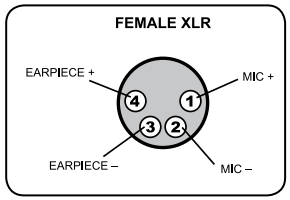
Headset Volume Control, A/B Channel Switch,
Mic Mute Button & Call Light & Button

The Headset Volume Control adjusts only the individual headset listening level, not the volume level of the entire system.
Setting the Mic Mute Button to "on" enables the headset microphone. Setting the button to "off" will short or mute the microphone. The Mic Mute Button does not affect the headset listening volume.
Pushing the Call Button will light the Call Light on all belt packs connected to the system. Use the Call Light to alert any users who may not be wearing their headsets.

H-2000 & H-2000S PORTACOM HEADSETS

PortaCom comes with single-earpiece *(H-2000S)* and/or dual-earpiece *(H-2000)* headsets. To use plug the headset cable into the bottom of the BP-2000 Belt Pack. Adjust the headset listening level using the Headset Volume Control on the belt pack.

The headset's female 4-pin XLR connector plugs into the 4-pin XLR jack on the bottom of the belt pack. A wiring diagram of the headset connector is shown at right.



PC-2000 POWER CONSOLE - CONTROL PANEL

NEED MORE HELP? View demonstration videos on proper system setup and operation at our website: www.anchoraudio.com

NOTE: Custom length microphone cables are available from Anchor Audio.

PB-2000 BELT PACK - TOP/BOTTOM

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PORTACOM TECHNICAL SPECIFICATIONS

Operating Distance	Up to 2,500 ft *(total cable length)*
Normal Line Level	-15dBV
Signal-to-Noise Ratio	-65dB
Distortion	< 0.5%
Connecting Cables	Standard 1-pair shielded mic cable w/ 3-pin XLR *(heavy-duty cable recommended for runs over 250 ft)*
Compatibility	Generally compatible w/ industry standard system *(call for info)*
B3-2000 – Branch Box	
Connectors *(3-pin XLR)*	Input – 1 female / Output – 3 male
Dimensions	1.9" x 4.1" x 4.25" (48 x 105 x 108 mm)
Weight	19.2 oz / 0.5 kg
BP-2000 – Belt pack	
Input Line Connector	3-pin XLR – female
Headset Connector	4-pin XLR – male
Bridging Impedance	10k ohm min
DC Current Reqs.	20mA max
Dimensions	3.8" x 2.75" x 1.25" (96.5 x 69.85 x 31.75 mm)
Weight	.40 oz. / 0.0113 kg.

H-2000/H-2000S–Dual-Earpiece/Single-Earpiece Headset	
Connector	4-pin XLR – female
Microphone Type	Dynamic, low impedance
Dimensions	3.5" x 7.4" x 7.9" (8.9 x 18.8 x 20 cm)
Weight	H-200 16 oz / .45 kg H-200S 13 oz / .37 kg
PC-2000 – Two-Channel Power Console	
Output Connectors	3-pin XLR – 4 male
Voltage Output	22 volts DC to belt packs
Max. Current Capacity	400mA
Max. Belt Packs	20 BP-2000 belt packs
Input Power Reqs.	24VAC, 50/60Hz, 750mA; 30 – 40VDC, 500mA
Dimensions	1.75" x 8.5" x 4.5" (45 x 216 x 114 mm)
Weight	57.6 oz / 1.63 kg
AC Power Adapter	Anchor model AC-20
Input Voltage	120VAC, 60Hz
Output Voltage/Current	24VAC @ 750mA

Scan for PortaCom Technical Specs

Scan for PortaCom Brochure

Scan for PortaCom Website

Scan for How to Videos & Articles

ANCHOR AUDIO CUSTOMER SERVICE

800.262.4671

FOR ADDITIONAL INFORMATION
visit www.anchoraudio.com